

SEQUENCE LISTING

<110> Goryshin, Igor Y
Naumann, Todd A
Reznikoff, William S

<120> DOUBLE TRANSPOSITION METHODS FOR MANIPULATING NUCLEIC
ACIDS

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<150> 60/251482

<151> 2000-12-05

<160> 10

<170> PatentIn Ver. 2.1

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: LINKER A (FULL
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<213> Artificial Sequence

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<223> Description of Artificial Sequence: LINKER A
(COMPRESSED)

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: LINKER B (FULL
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<223> Description of Artificial Sequence: LINKER B
(COMPRESSED)

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<223> Description of Artificial Sequence: PRIMER FWD2

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<223> Description of Artificial Sequence: PRIMER

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<223> Description of Artificial Sequence: PRIMER

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DOUBLE TRANSPOSITION METHODS FOR MANIPULATING NUCLEIC ACIDS
 Inventors: Igor Yu Goryshin/Todd A. Naumann/William S. Reznikoff
 Application No.:
 Docket Number: 960296.;97541

TABLE 1

Insert #	Δ #	Insert End	Δ End	Size	Partial ORFs	Complete ORFs	Grow w/o IPTG
1	1.3	1073109	1094823	21714	b1028;b1012	b1013;putA;putP;b1016-1018;ycdB;phoH;b1021-1025;ira5_3;b1027	Y
2	2.8	2776930	2770104	6826	b2638;b2647	b2639-b2646	Y
3	3.1	4407731	4403605	4126	yjl	yjaB;vacB;yjfh	Y
4	4.2	3735047	3725227	9821	yjaB	xyjB;xyjA;xyjF;xyjG;xyjH;xyjR;b3570	Y
4	4.6	3735047	3723521	11526	none	yjaH;yjaA;yjaB;xyjB;xyjA;xyjF;xyjG;xyjH;xyjR;b3570	Y
4	4.9	3735047	3719490	15557	yj5b	glyS;glyQ;yjaH;yjaA;yjaB;xyjB;xyjA;xyjF;xyjG;xyjH;xyjR;b3570	N
5	5.1	1224154	1210042	14112	mcrA;minD	b1160-b1173;minE	Y
6	6.2	3045069	3042244	2825	bglA;gcvP	ygf	Y
7	7.1	2779269	2767042	1227	b2633;b2647	b2634-b2646	Y
8	8.4	3882592	3882500	92	none	none	Y
9	9.7	4589240	4595093	5853	mdoB;tsr	yjN;yjM;b4356	Y
10	10.3	4141018	4117696	23322	menA;frwC	hslU;hslV;ftsN;cyfR;priA;rpmE;yjiX;metJ;metB;metL;metF;katG;yjiE;yjiF;gldA;talC;ptsA;yjiI	N
11	11.3	2793099	2795902	2803	gabP;b2668	ygaE;b2665-b2667	Y
12	12.17	14166	12088	2078	none	dnaK	N
13	13.19	4542104	4546611	4507	fimC;fimH	fimD;fimF;fimG	Y
14	14.17	3821524	3818998	2526	spoT	rpoZ;gmk	N
15	15.17	1570686	1544492	26194	yddC;yddG	fdnG;fdnH;fdnI;b1477;b1478;sfcaA;tpsV;b1481;osmC;b1483-1491;xasA;gadB	Y